

PN : JP 09212915 19970815
AN : JP 08019648 19960206
ICM : G11B- 07/24
PA : MITSUI TOATSU CHEM INC
IN : MIYASHITA TAKEHIRO
IN : UMEHARA HIDEKI
IN : FUKUDA SHIN
IN : FUKUDA NOBUHIRO
ET : OPTICAL RECORDING MEDIUM

PROBLEM TO BE SOLVED: To obtain an **optical recording** medium whose durability is excellent, whose reliability is high and which can be manufactured at low costs by a method wherein a light-reflecting layer is constituted of a thin metal layer and of a silver reflective layer.

SOLUTION: An **optical recording** medium is constituted in such a way that a light-absorbing layer which contains an organic pigment, a thin metal layer, a **silver** reflective layer and a protective layer are laminated sequentially on a transparent substrate.

Alternatively, an **optical recording** medium is constituted in such a way that a light-absorbing layer which contains an organic pigment, a thin metal layer, a **silver** reflective layer, a metal layer and a protective layer are laminated sequentially on a transparent substrate. It is desirable that, in the **optical recording** medium, the thin metal layer is a metal layer whose film thickness is at 0.1 to 5nm and which is composed of Ti, V, Cr, Cu, Zn or W.

COPYRIGHT: (C)1997, JPO

Disk Number : MIJP9708PAJ